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CPY - KAWZ

DC - L02

FS - CPI

IC - C01B31/02 ; C04B35/52 ; C04B41/80

MC - L02-H04 L02-J02C

PA - (KAWZ ) KAWASAKI ROZAI KK

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PR - JP19900153086 19900612

XA - C1992-047720

XIC - C01B-031/02 ; C04B-035/52 ; C04B-041/80

AB - J04046080 Process comprises applying a high frequency induced heating to a C-contg. moulding, the surface of which is previously coated with a coating material, to fuse the coating.

- The coating pref. has a m.pt. of 800-2000 deg. C and is provided at a thickness of 0.01-1.0mm. A pref. coating material comprises by wt., 90% of Kibushi clay, 9% of fine-grained SiC powder, 1% of fine-grained B4C powder, and water having added for 35% w.r.t. the total of above ingredients.

- USE/ADVANTAGE - Provides C-contg. members eg., graphite electrodes which are excellent electric conductors, as well as immersion nozzles for continuous casting and protective tubes for temp. sensors of molten metal; oxidn. preventative coating is easily and rapidly provided.

IW - FORMING OXIDATION PREVENT COATING CARBON CONTAIN MOULD APPLY HIGH FREQUENCY INDUCE HEAT CARBON CONTAIN MOULD SURFACE COATING COATING MATERIAL

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NC - 001

OPD - 1990-06-12

ORD - 1992-02-17

PAW - (KAWZ ) KAWASAKI ROZAI KK

TI - Forming oxidn. preventive coating on carbon-contg. mouldings - by applying high frequency induced heating to carbon contg. moulding, of which surface is coated with coating material